

**IN THE CLAIMS:**

1. (Currently Amended) A system for managing electronics manufacturing data comprising:
  - a processor;
  - a data storage device operably connected to the processor, the data storage device storing global manufacturing standardization data and a plurality of electronic manufacturing data sets, each of the plurality of electronic manufacturing data sets corresponding to a local manufacturing process; and
  - a difference editor executable on the processor to display differences between the at least one of the electronic manufacturing data sets and the global manufacturing standardization data.
2. (Original) The system of claim 1 wherein the data storage device includes a server for providing the manufacturing standardization data.
3. (Original) The system as recited in claim 2 wherein the data storage device further includes a control system for providing a first of the plurality of electronic manufacturing data sets, the processor being located at the control system.
4. (Original) The system as recited in claim 1 wherein the data storage device includes a central server for providing the manufacturing standardization data, a first control system for providing a first of the plurality of electronic manufacturing data sets, and a second control system for providing a first of the plurality of electronic manufacturing data sets

Claims 5-10 (Canceled)

11. (Currently Amended) A method for managing of electronics manufacturing data, in which the data comprises global ~~non-local~~ data used for a plurality of

assembly lines and local data used at one of the plurality of assembly lines, comprising the steps of:

    permitting ~~non-local~~ global electronics manufacturing data to be modified by a first set of persons;

    permitting local electronics manufacturing data to be modified by a second set of persons;

    displaying differences between the local electronics manufacturing data and the ~~non-local~~ global electronics manufacturing data as to permit a comparison between local electronics manufacturing data and ~~non-local~~ global electronic manufacturing data wherein the first and second sets of persons are not identical.

12. (Canceled)
13. (Previously Presented) The method as recited in claim 11 wherein the displaying step includes displaying a graphical representation of an electronic component.
14. (Previously Presented) The method as recited in claim 11 wherein the displaying step includes highlighting the differences.
15. (Previously Presented) The method as recited in claim 11 wherein the displaying step includes displaying lead information of an electronic component.
16. (Original) The method as recited in claim 11 wherein the local electronics manufacturing data includes information regarding a length of electronic component leads.
17. (Currently Amended) The method as recited in claim 11 wherein the ~~non-local~~ global electronics manufacturing data includes a specification for a length of electronic component leads.

18. (Currently Amended) A manufacturing system comprising:
- a first assembly line having a first controller, the first controller containing a first set of manufacturing data related to a product manufactured by the first assembly line;
  - a second assembly line remote from the first assembly line and having a second controller, the second controller containing a second set of manufacturing data related to a product manufactured by the second assembly line, the products of the first and second assembly lines being similar products;
  - a central server providing a global standardization specification for the products to the first controller and to the second controller; and
  - a display displaying differences between ~~the first~~ a set of manufacturing data and the global standardization specification.
19. (Canceled)
20. (Original) The manufacturing system as recited in claim 18 wherein the product is a printed circuit board.
21. (Original) The manufacturing system as recited in claim 18 wherein the display includes a first window for the first set of manufacturing data and a second window for the second set of manufacturing data.
22. (Original) The manufacturing system as recited in claim 18 wherein the first set of data includes information relating to a plurality of electric components.

Claims 23-25 (Canceled)

26. (Currently Amended) A method for displaying differences between a first set of electronics manufacturing data and a second set of electronics manufacturing data comprising the steps of:

displaying the first set of electronics manufacturing data on a section of a display, the first set of electronics manufacturing data including a list of components being used in an assembly line;

displaying the second set of electronics manufacturing data on an other section of the display concurrently with the displayed first set of electronics manufacturing data, the second set of electronics manufacturing data including another list of component desired to be manufactured on the assembly line; and

displaying differences between the first and second set of electronics manufacturing data.

27. (Original) The method as recited in claim 26 wherein the differences are displayed through highlighting.
28. (Original) The method as recited in claim 26 wherein the assembly line is a printed circuit board assembly line.

Claims 29-30 (Canceled)